

VGAM HOST TARGET GENE

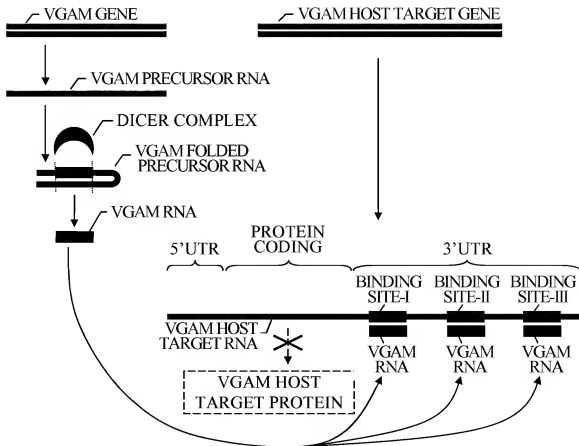
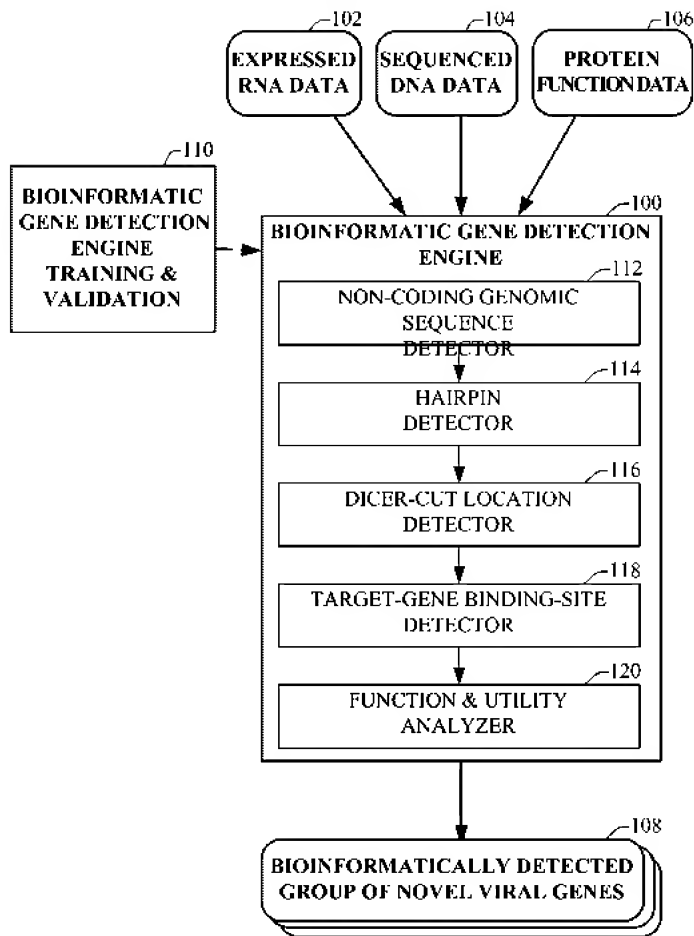


FIG. 2



**FIG. 3**

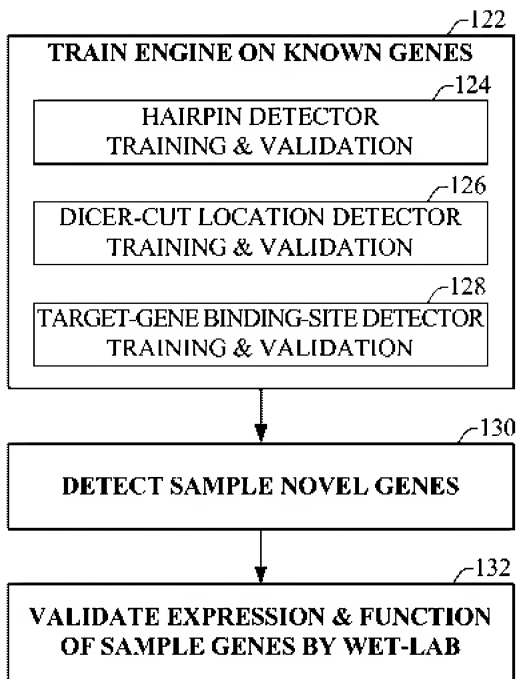


FIG. 4A

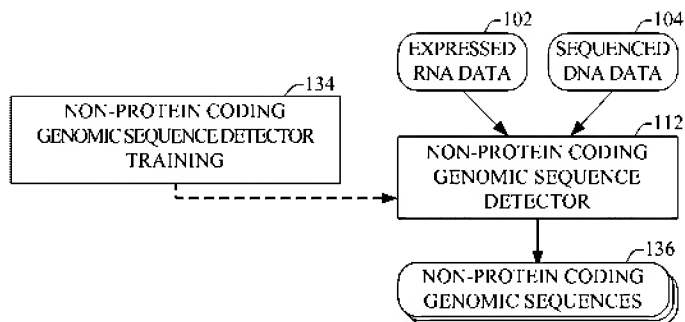
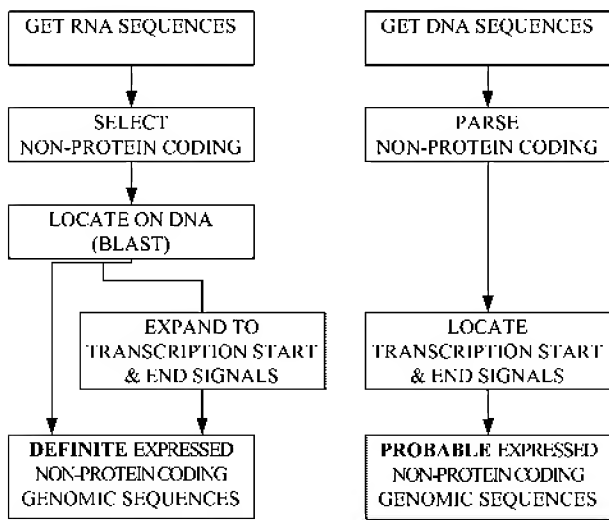
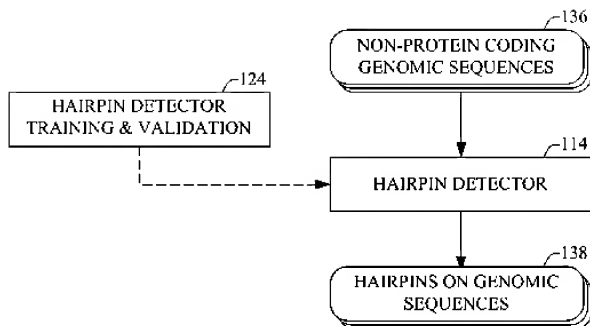


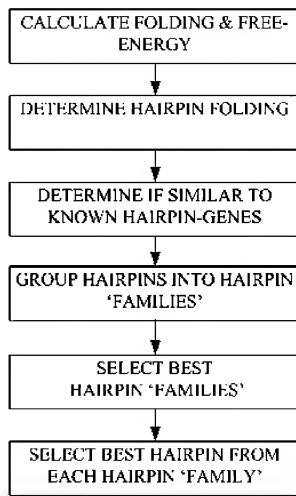
FIG. 4B



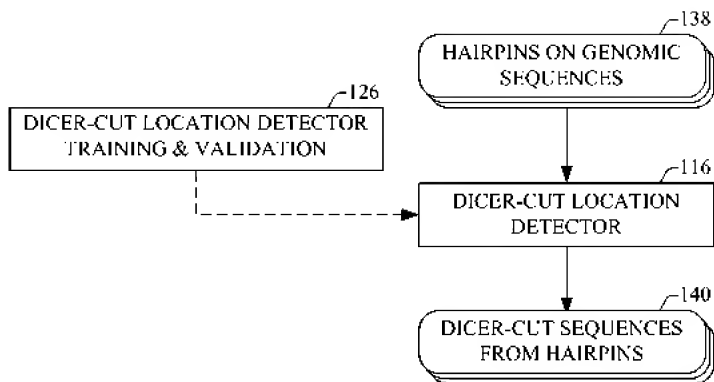
**FIG. 5A**



**FIG. 5B**



**FIG. 6A**



**FIG. 6B**

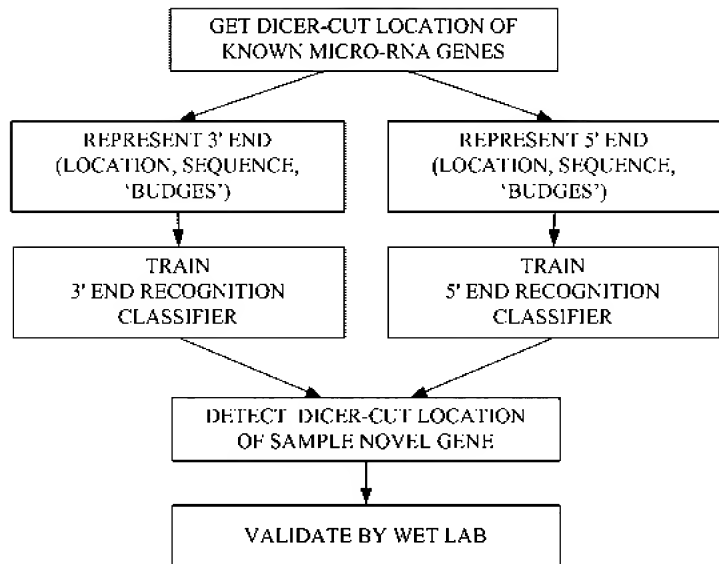


FIG. 6C

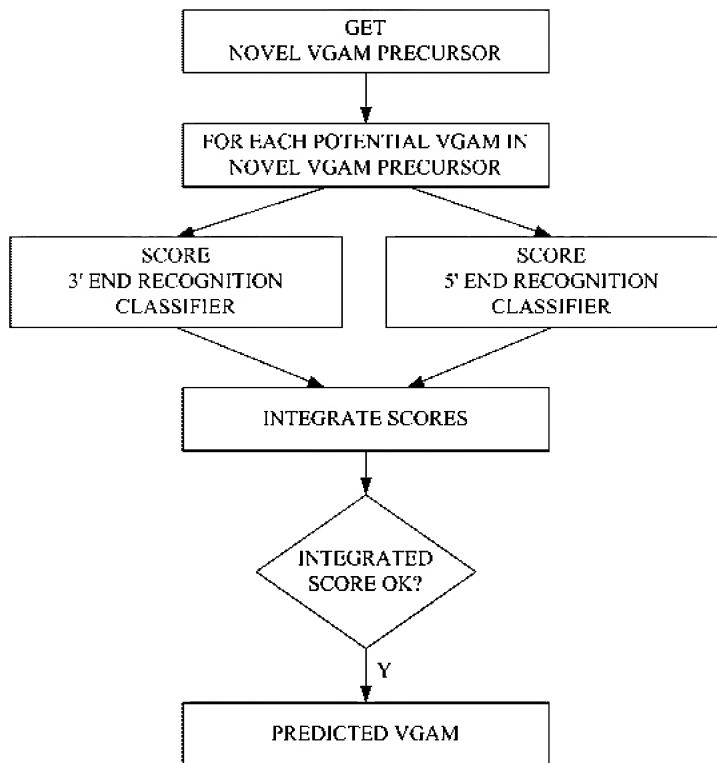




FIG. 7A

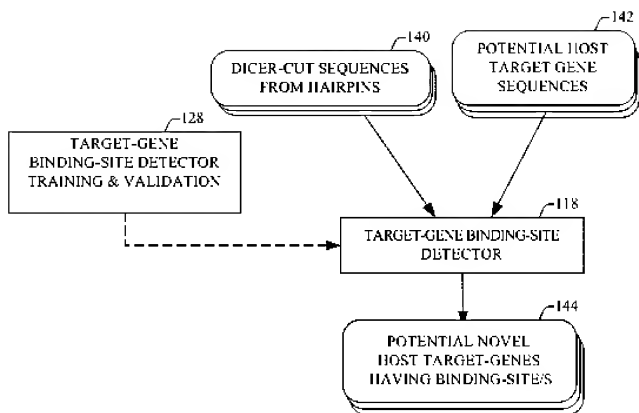
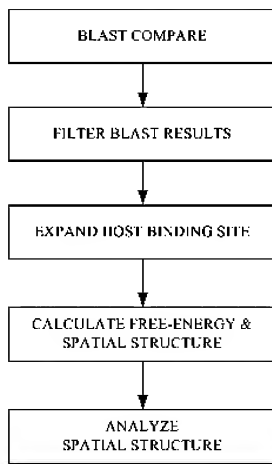


FIG. 7B



**FIG. 8**

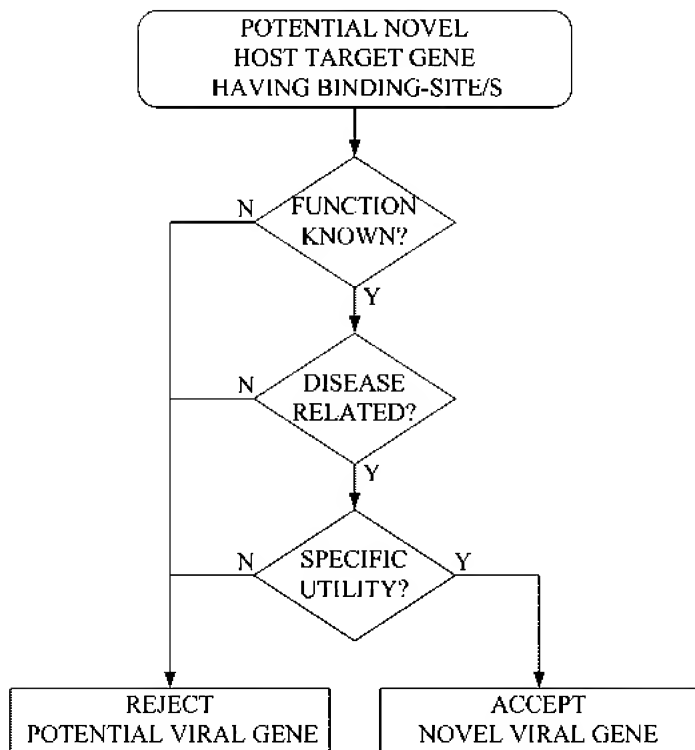
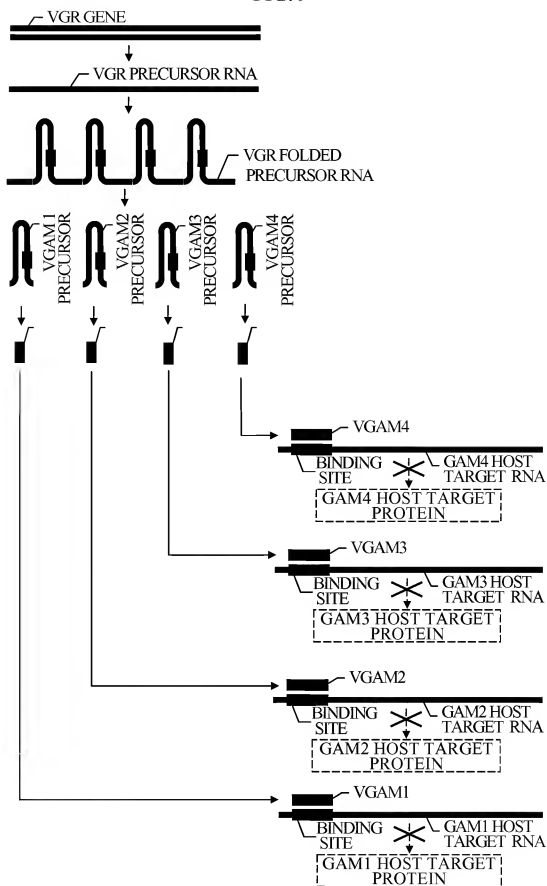


FIG. 9



**FIG. 10**

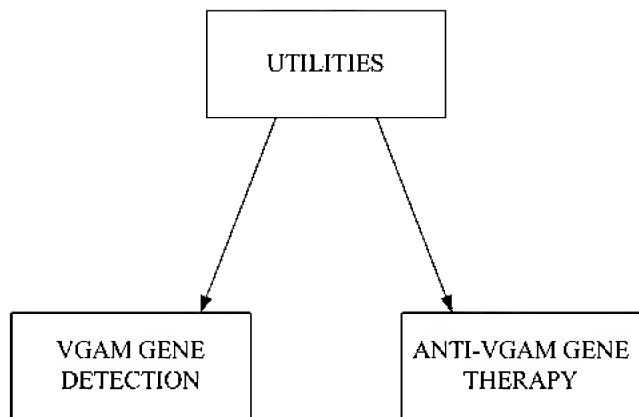


FIG. 11A

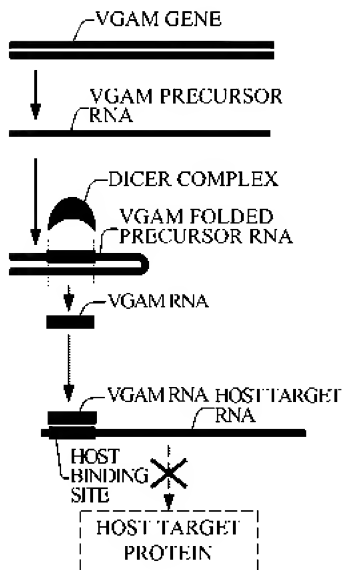
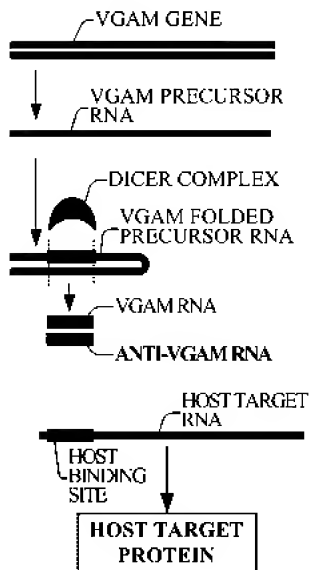


FIG. 11B



EST72223 sequence:

FIG. 12A

CCCTTATTAGAGGATTCTGCTCATGCCAGGGTGAGGTAGTAAGTTGT  
 ATTGTTCTGGGGTAGGGATATTAGGCCCAATTAGAACATAACTAT  
 ACAACTTACTACTTTCCCTGGTGTGTGGCATATTCACACTTAGTCTTA  
 GCACTGTTGCCTCCATCAGACAAAAGTTGTAGATGTTCCCTGGATAATT  
 TGGACTGGAGAAAGAGACATGGAAGGGGACAGATGGTGTTTAGG  
 GTGAGGCAGATGTCATTATAAAGTGAATTTGCTTTTCAATTGGAGC  
 ATATAATTATTTACCTTTGGCATGAACCTATTTGCTATTCTTCAAC  
 TGTGTAATGATTGCATTTTATAGTAATAGAACAGGAATGTGTGCAAG  
 GGAATGGAAAGCATACTTTAAGAATTTTGGGCCAGCGCGGTGGTTCT  
 ATGCCTGTAATCCAGCATTTTTTGGGAGGCCGAGGCCGGGTGGATCA  
 CCTGAGGTCAGGAGTTCGAGACCAACCTGGCCAAACACGGCGAAACC  
 CCGCCTCTACTCAAATACAAAATTAGCCAGGCTTGGTGACACTCGC  
 CTGTGGTCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATTGCTTGA  
 ACCCAGGAAGTGGAGGCTTCAGTGAAGCTGAGAACACGCCACTGCA  
 CTCCAGTCTCTGGGCAACAGAGCAAGACTCTGTCTCAGGAAAAAAA  
 AG

MIR98

GAM24

FIG. 12B

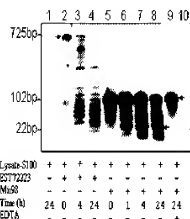
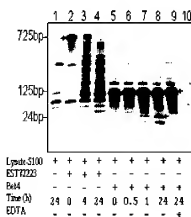


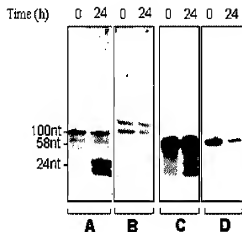
FIG. 12C



MIR98

GAM24

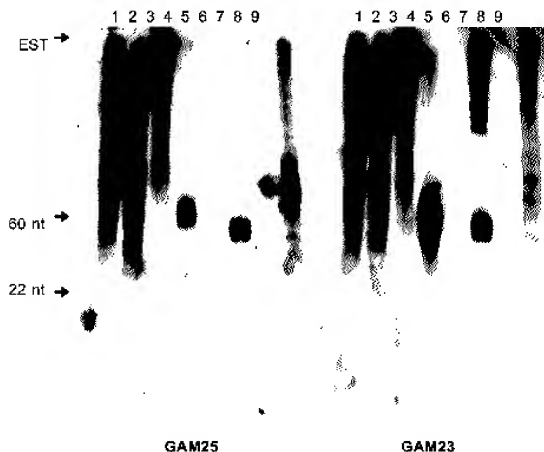
FIG. 12D



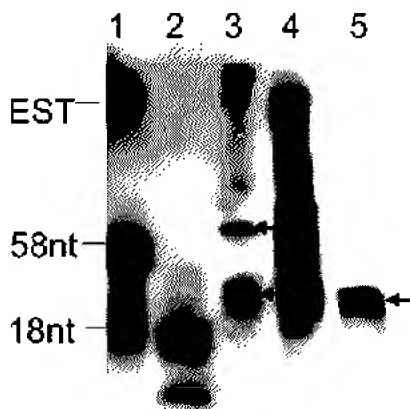
dbEST Id. 7929020 (Image4514344) sequence:

SCAAAACTSGAAGCATTCCCTTTGAAAACTGGCACAAGACAGGSGATGCCCTCT  
 CTCACCGCTCCCTATTCAACATAGCTTTGGAAGTTCTGCCCACGCCAATTAGGCA  
 GGAGAAGGAATAAAGGGTATTCAATTAGGAAAAGAGCAAGTCAAATTGTTCCCT  
 TTTTSCAGATGACATGATTGTTATCTAGAAAACCCCATTSTCTCAGCCCCAAA  
 TCTCCTTAAGCTGATAAGCAACTTCAGCAAAAGTCTCAGGATACAAAAATAAATGT  
 ACAAAAATCACAGCATTCTTACACACCAACACAGAAAAACAGAGCCAAATCA  
 TSASTMACTCCCATTCACATTGCTTCAAGAGANATAAATACCTAGSNAATCC  
 AACTTACAAGCGATCTGAAGACCTCTTCAAGGAGAACTACAAAGCACTGCTCA  
 AGSAAATAAAGAGGATACAAACAAATGGAAGAACATTCCATGCTCATGSGTAG  
 GAAGNATCAATATTGTAATATGSCCATACTGCCAAGGTAATTTACAGATTCA  
 ATGCCATCCCCATCAAGCTACCAATGACTTTCTTCAACAGAAATGCAAAAACTA  
 CTTTAAAGTTTATATGGAACCAAAAAAGAGCCCGCATCGCCCAAGTCAATCCTAA  
GCCAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAACTTTACTACA GAM23  
AGGCTACAGTAACCAAAACAGCATGGTACTCGTACCAAAACACAGATATAGATC  
AATGSAACASACAGAGCCCTCAGAAATAACGCCGAATACCTACAACTATCTGA  
TCTTTACAAACCTGTAAGAAACAGCAATGSGGNAAGGATTCCTATTTTAATA  
AATGCTGCTGGCAAACTGACTAGCCATATGTAGAAAGCTGAAACTGGATCCCT  
TCCTTACACCTTATACAAAAATCAATTCAAGATGSGATTAAAGATTTAAACSTTA  
GACCTAAAACCATAAAACCTAGAAGAAAACCTAGGCATTACCATTCAGGACA  
TAGGCATGGCAAGCACTTTCATGTCCAAAACACCAAAAGCAATGCCAACAAAAG  
ACAAATTTGACAAATGSGATCTAATTAAACTAAAGAGCTCTGCACAGCAAAAG  
AACTACCATCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAATTTTCGCAA GAM2  
CCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAACTCAAAACAAA  
 TTTACAAAAA

FIG. 13B



**FIG. 13C**



**GAM25**



ACTCCTATCAACAGTGTAAGGACATTCTCTGTTTCTCCATAATCTTGCCAGCATCTT  
 TTCATTTTTTTTGAATTATAGCCATTCTGACTCTTCTGAGATGCTCTCATTTCTGGC  
 TTTTGATTGCAATTTCTCAGATGATCAGTGATGTTGAAGTTTTTTGTTGTTGGC  
 TGCATGTATGCCCTCTTTTGAAGAGTGCTGTTTGTGTGCTTTGACCACTTTCTAA  
 TGCCGCTTGACGTTTTTTTTTCTTCTGTAATTTCTTTAAGTTCCCTTCTACATGCTGGAT  
 ATTAGACCTTTTGTGAGATGGATAGAGTGCAAAAAATTTTCTCCCATTTCTGTAGGTTG  
 TCGGTTTTACTCTGTTGATAGGTTCTTAATGCTGTGCAGAGAGCTCTTTAGTTTAATT  
 AGATCCCATTCTCAATTTTGGCCTTTTCTTCCAAATTCCTTTTGGCATCTTCGTCAT  
 GAAATCTTTGCGCTTTGCCGTGTGCTCGAATGGCATTGCCTAGGTTTTCTTCCAGGA  
 TTTTATATAGTTTTTGGGTTGTAGATTTAAGTCTTTAATCCATCTTTGAGTTAACTTTT  
 CTATATCGCTTAAGCAAGCGGCGGCTTTCAATTTGCTGCCAAATGCGCTAGCCAGTTC  
 TCCCAGCACCATTATTAAATAGGGAAATCTTTTCCCCATTGCTTCCTTTTTGTGAGG  
 TTTGTCAAAGATCAGATGTTGTAGGTGTGTGTTCTTATTCTGGGTTCTCTATTTC  
 TGTTCATTGGGCTATGGCGCGGTTCTCTACCAACCACTATGCTCTTTTGGGTAACCA  
 TAGTCTTTGTAGAATGTTTGAAGCTGGGTAGCATGATGCCCTCTAGCTTTTGTCTTTCT  
 TGCTAAGAAATGTCTTGGCTATTGGGCTCTTTTGGTCCATATGAATTTTAAA  
 ATAGCTTTTTCTAGCTCTCTAAAGAAATCTGAATAGTAGTTTAATGGGCTTAGCATT  
 TAATTTACAGATTGCTTGGGCAAGTGTTGTCATTTTCAAGATATTGATCCCTTCCTG  
 TCTGTGAGCATATGTTTTTCCATTTGTTGTGTCATCTCTGATTTCTTTGAATAAT  
GGTTTATAGTTATCCTTTGAAAAGGTCCTTCACCTTTTCTTTGTTAGCTGTATTCCCTAG  
ATATTATACTCTTCTTGTGGCAATTGTGAATGGGAGTTAATTCATGAGTTTTCTCT  
 CGGCTTGCTGTGTTGTTGGTGTATAGGAATGCTAGTGACTTTTGACATTTGATTTTG  
 TATCCTGACACTTTCTTGAAGTTGCTTATCAGCTAAGAAGTTTTGAGCTGAGATG  
 ATGGAGTTTTCTAGATATAGGATCATATCATCTGCAACAAAGATAGTTTGACTTC  
 CTGTCTTCTCTATTGAAATAGCTTTTCTTTCTTCTCTTGCTGATTTGCCTTGGTGA  
 GAATTTCTAATACCTCTTGAATACGACTGCTGAGCTCGTCCCAA

GAM  
26

FIG. 14B

1 2 3 4 5 6 7



← EST

← 130 nt

← 22 nt

GAM26